



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **07232028 A**(43) Date of publication of application: **05.09.95**

(51) Int. Cl.

B01D 53/38**B01D 53/74****A61L 9/015****B01D 53/34****B01D 53/66****C01B 13/10**(21) Application number: **06028228**(22) Date of filing: **25.02.94**(71) Applicant: **MOTOGAMI AKIKIYO GENDAI
PLANT:KK**(72) Inventor: **MOTOGAMI AKIKIYO**

(54) DEODORIZATION APPARATUS

(57) Abstract

PURPOSE: To conduct deodorization efficiently, surely, and economically by treating sucked odorous components in a process including reaction and decomposition with ozone, decomposition of residual ozone, washing, adsorption, and discharge.

CONSTITUTION: Air containing odorous components is introduced to a filter part C by a suction fan 4 to remove particles and then introduced to an ozone diffusion part D, where the air is contacted with ozone produced by an ozone generator 12 to be subjected to a decomposition reaction in an ozone decomposition catalyst part E. The air is introduced to a washing-deodorization part F to be washed after the decomposition of residual ozone and then led to an adsorption-deodorization part H to be deodorized by the adsorption of the residual odorous components and the unreacted ozone. The deodorized clean air is discharged selectively into the air from an exhaust part I.

COPYRIGHT: (C)1995,JPO

